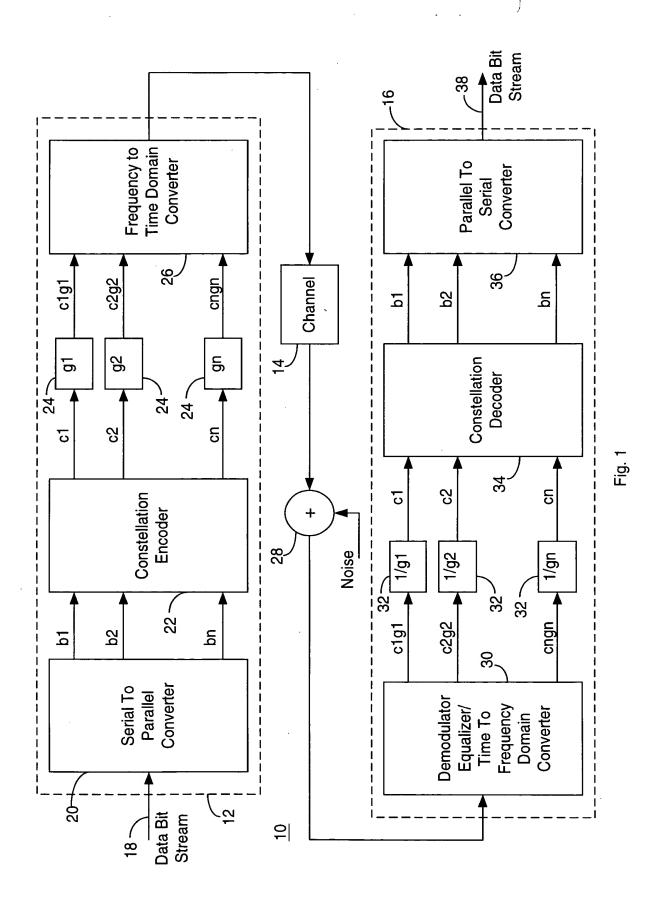
Title: A Method For Allocating Bits and Power in Multi-Carrier Communication System Applicants: Subramanian, et al.

y Docket No.: 7416/78248 - PPA1



torney Docket No.: 7416/78248 - PPA1 That Requires Smallest Excess Carriers Such That The Carrier Power To Carry Additional Bit Distribute Excess Power To Excess Power Exhausted? Is Target Bit Rate Met Or 112 Has Priority Bits To Carriers With Zero Bits **Dropping Bits And Allocating** Improve Bit Allocation By Considering Fractional Bit Improve Bit Allocation By 110 Allocation That Requires Smallest Gain To Carriers Such That The Carrier Carry Additional Bit Has Priority Distribute Excess Power To Excess Power Exhausted? Is Target Bit Rate Met Or 114 108 Fig. 2 112 Without Violating Bit Error Rate Constraints Assuming Nominal Compute Excess Power For Compute Gain For Exra Bit Estimate Signal To Noise Make Intital Bit Allocation Ratios In Each Carrier Power In Each Carrier Compute Total **Excess Power** Extra Bit 104 102 90

A Method For Allocating Bits and Power in Multi-Carrier Communication System

Applicants: Subramanian, et al.

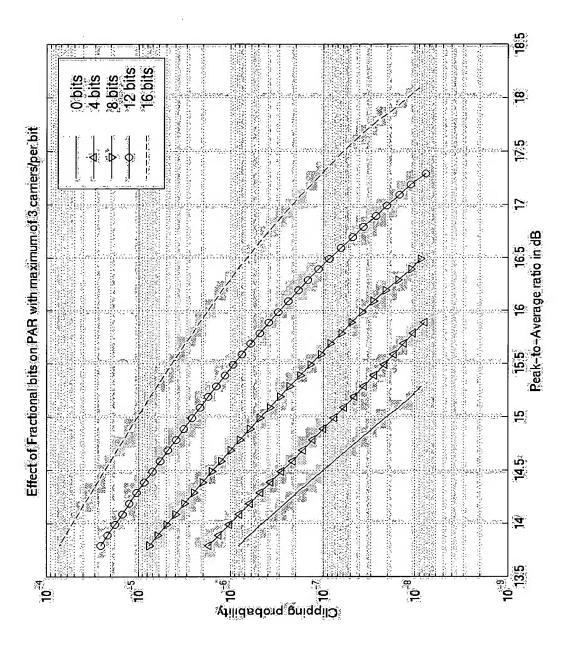
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ouc		2	3	4	5	9	7	8	6	10	11
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Tone	1	2	3	4	2	9	7	8	6	10	11
BRM	0	1	0	1	1	0	1	0	0	0	0
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